



Post-doctoral fellow for research on the neural basis of Chronic Fatigue Syndrome

- Algemene Interne Geneeskunde
- Temporary, 1 year with possible extension for 3 years
- 36 hours per week
- Maximum € 54.906,- gross per year at full employment

Job description

We seek an excellent postdoctoral researcher for a project on neurobiological and neurocognitive markers of Chronic Fatigue Syndrome (CFS). The project is a collaboration between the Expert Centre for Chronic Fatigue (Hans Knoop, Jos van der Meer) and the Donders Institute (Ivan Toni, Floris de Lange, Peter Hagoort). The project will be conducted at the Donders Centre for Cognitive Neuroimaging (DCCN) and the Expert Centre for Chronic Fatigue (ECCF) in Nijmegen.

The goal of the project is to characterize neuronal and motivational changes associated with CFS and its treatment, and isolate neurobiological markers for predicting successful therapeutic intervention with cognitive behaviour therapy. The project will involve using neuroimaging methods (Magnetic Resonance Spectroscopy, structural morphometry, functional magnetic resonance imaging) and methods from experimental psychopathology (i.e. assessing attentional bias using a visual probe task) on patients with CFS.

Profile

Applicants should have a doctoral degree in a relevant field and a strong academic record, including publications in international journals. They should have demonstrated excellent data analysis skills. Selection criteria will consider experience with MRS, VBM, fMRI, methods from experimental psychopathology, and testing clinical populations.

Organization

The Donders Institute for Brain, Cognition and Behaviour offers cognitive neuroscientists a unique, multidisciplinary working and learning environment with opportunities for developing expertise in a diversity of research areas and techniques. The institute is equipped with three MRI scanners (7T, 3T, 1.5T), a 275-channel MEG system, an EEG-TMS laboratory, several (MR-compatible) EEG systems, and high-performance computational facilities. Website: <http://www.ru.nl/donders/>

The Expert Centre for Chronic Fatigue (ECCF) of the Radboud University Nijmegen Medical Centre is a leading CFS research group. The research is focused on indentifying factors that perpetuate symptoms, the development of interventions and on identifying the mechanisms of change of effective interventions. The ECCF is also a treatment centre and more than 200 CFS patients per year are treated with cognitive behaviour therapy. Website: www.umcn.nl/chronicfatigue.

Comments and contact information

Applicants should submit an application letter, a CV, and the names of two persons who can provide references.

For more information you can contact:

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Application

Online application via <http://www.umcn.nl/WERKENBIJ/Pages/Vacatures.aspx?vacid=1321>.